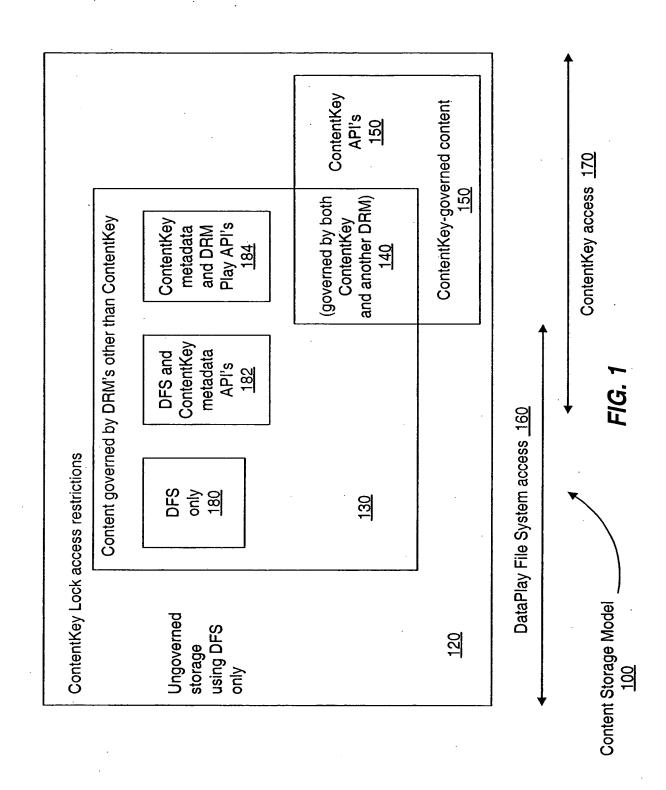
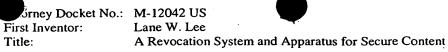
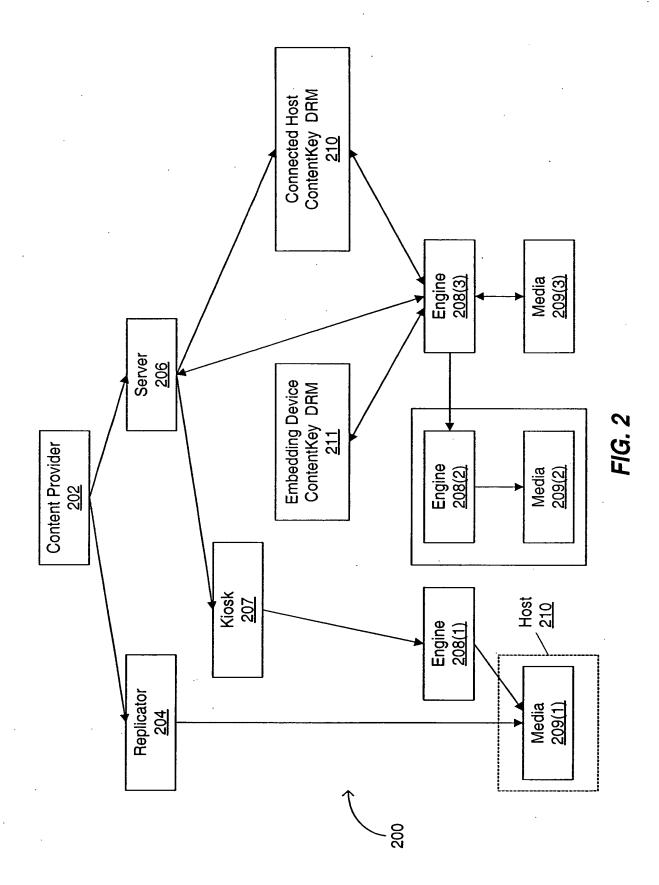
rney Docket No.: M-12042 US
Lane W. Lee
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CHESTE

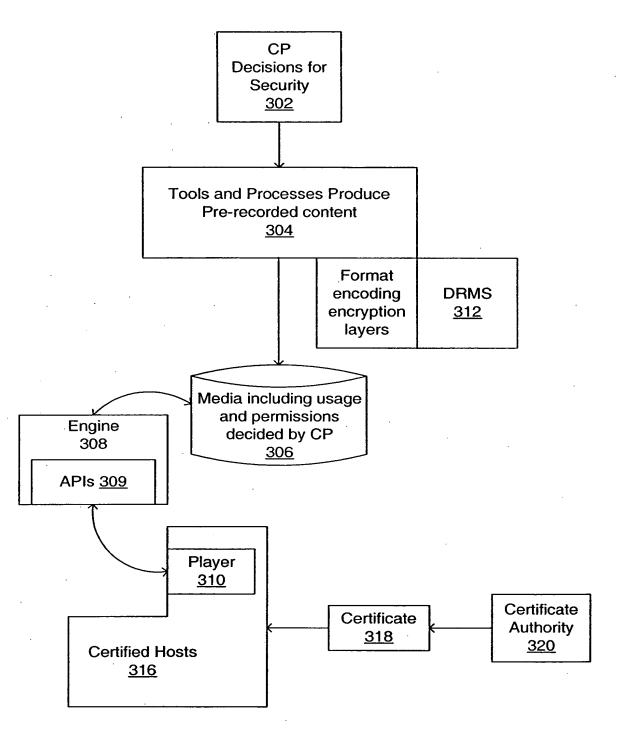
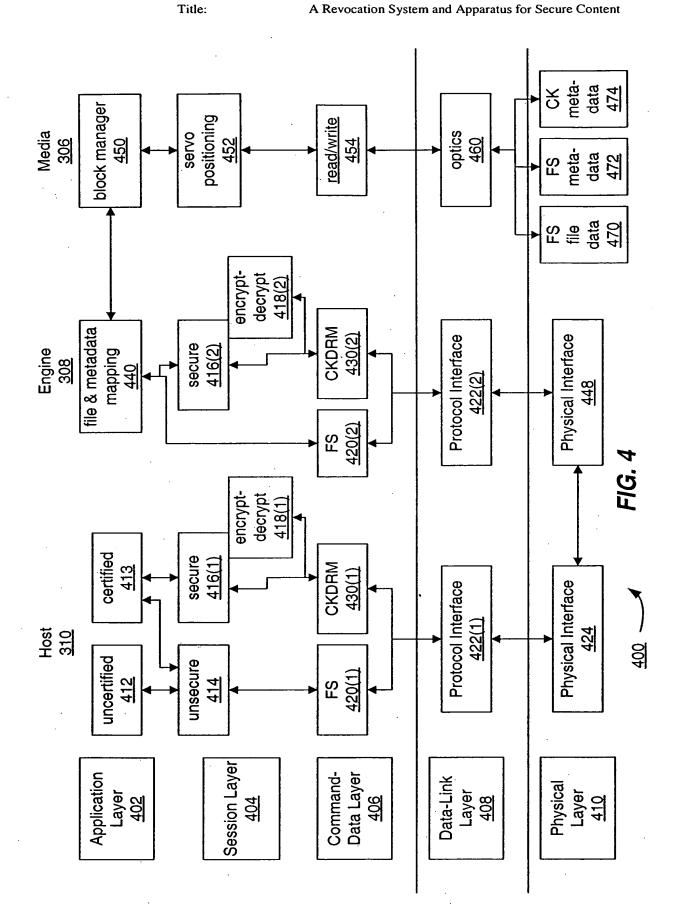


FIG. 3

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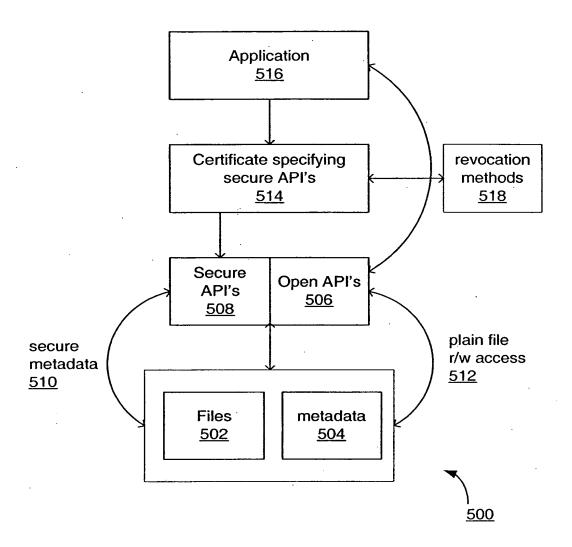
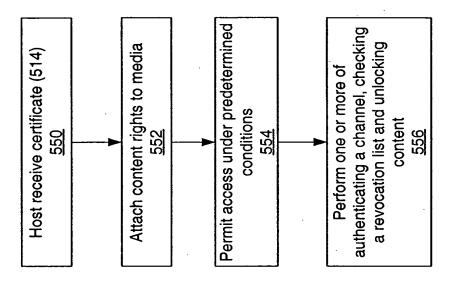


FIG. 5A

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A Revocation System and Apparatus for Secure Content



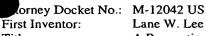
Prevent access to

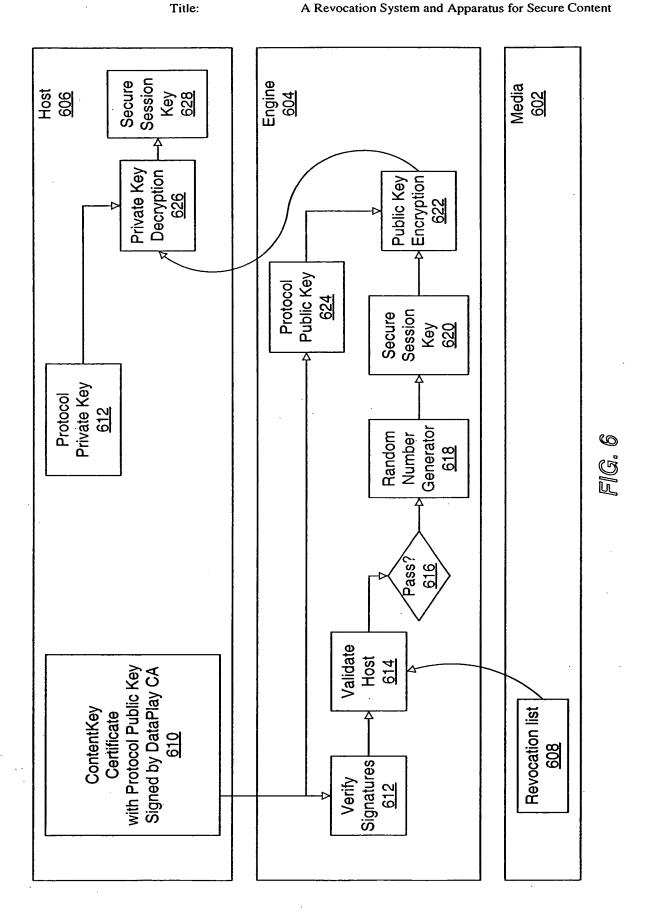
data outside

firmware 532

Enable access to data via firmware

230





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Title:

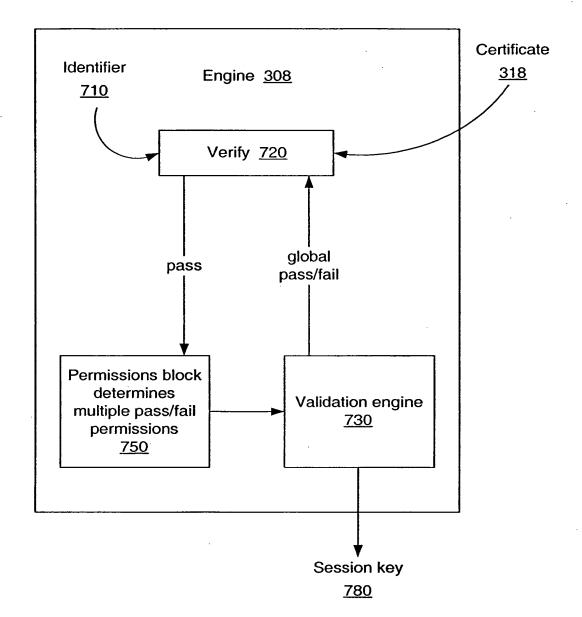
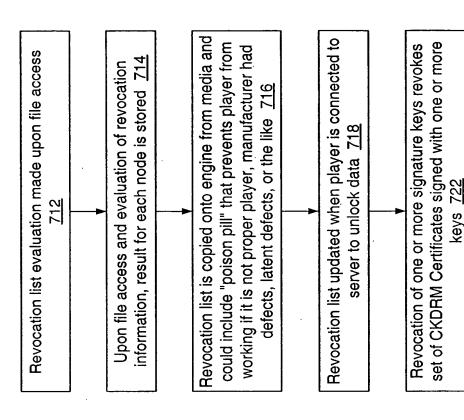


FIG. 7A

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A Revocation System and Apparatus for Secure Content



Use identifier to qualify

destination

704

Receive certificate from destination

702

Transmit session key

902

Revocation revokes one ore more of single Device Identifier or Protocol Public Key, entire company,

particular product line, particular product model

Title:

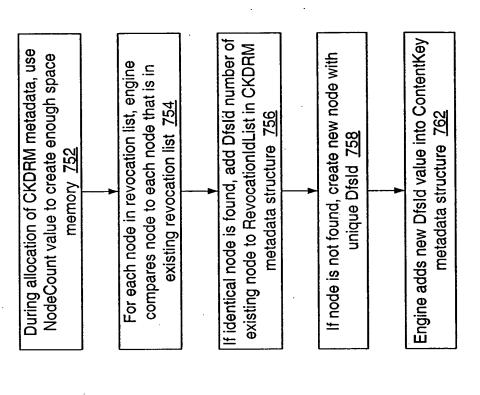
evaluated against contents of

of true or false when

CKDRM certificate 732

Evaluate data in clause node according to function results Lane W. Lee

A Revocation System and Apparatus for Secure Content



Combine results from clause nodes according to clause

rules 734

Revoke host if any revocation

node in revocation list

evaluates to true

736

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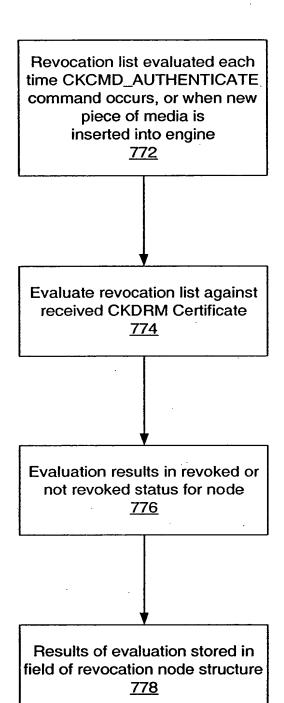


FIG. 7F

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Title:

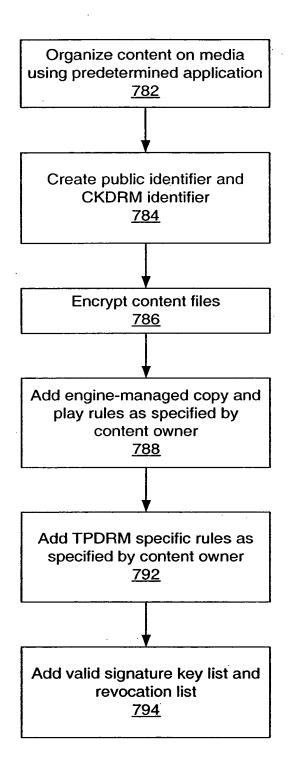


FIG. 7G

torney Docket No.: M-12042 US First Inventor: Lane W. Lee

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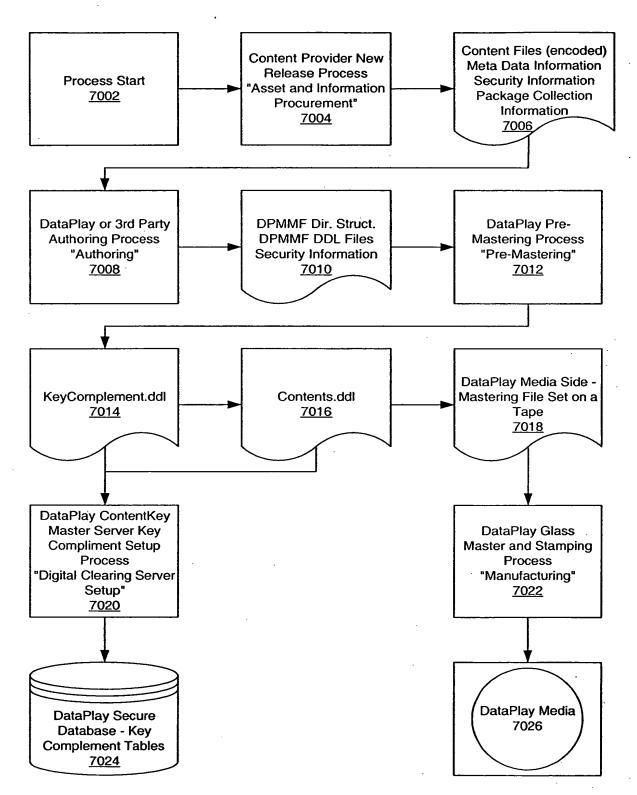


FIG. 7H

Title:

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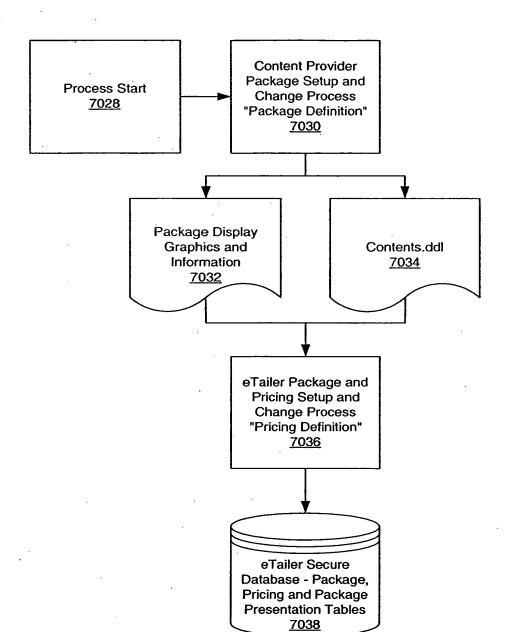


FIG. 71

Title:

Lane W. Lee

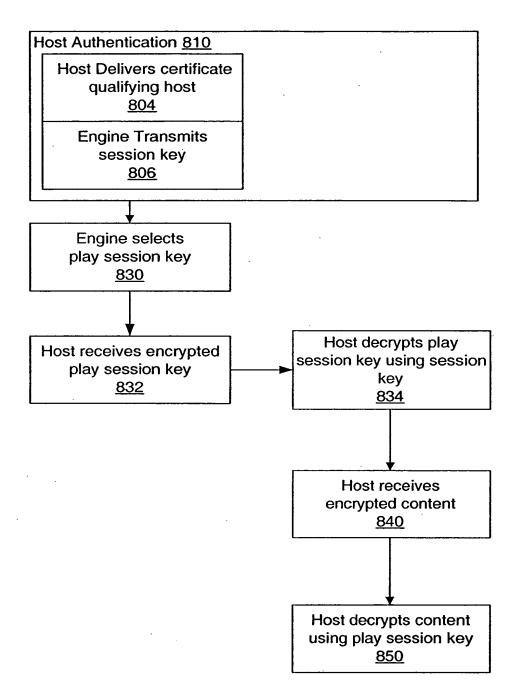
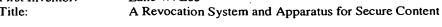


FIG. 8

Lane W. Lee



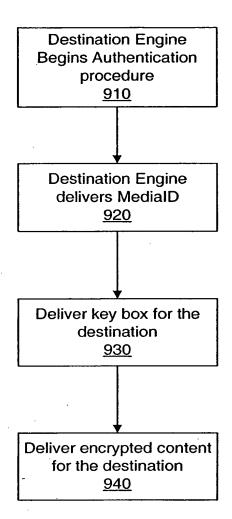


FIG. 9

Title:

Lane W. Lee

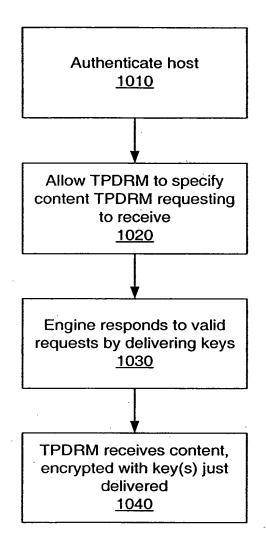


FIG. 10

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A Revocation System and Apparatus for Secure Content

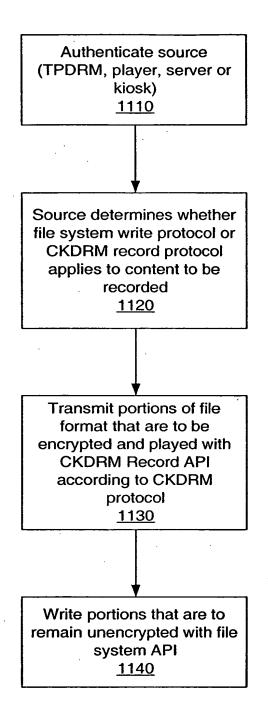


FIG. 11

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Title:

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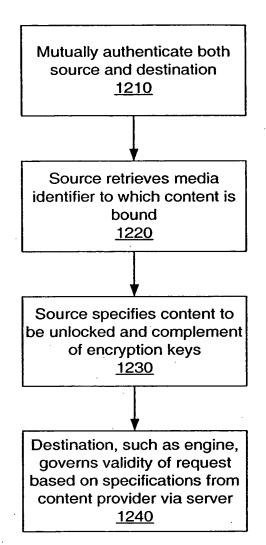
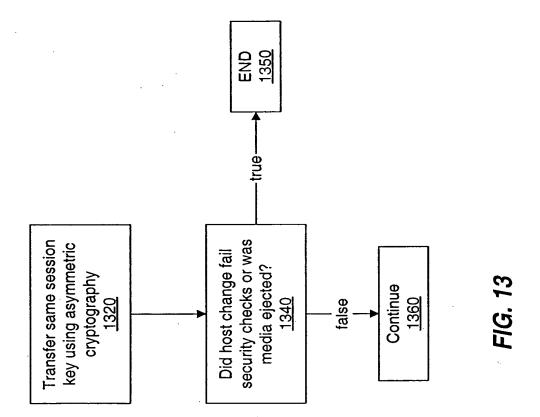
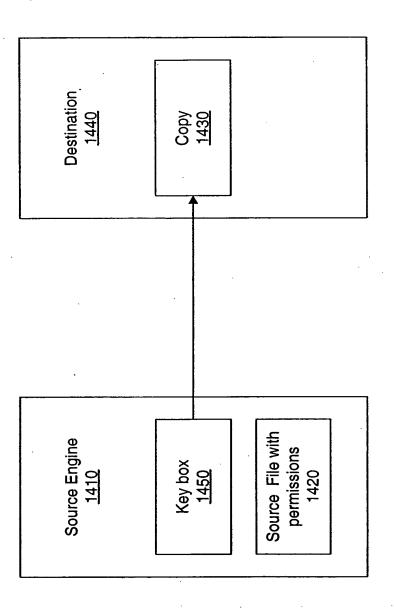


FIG. 12

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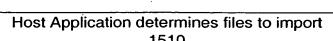
torney Docket No.: M-12042 US
First Inventor: Lane W. Lee
Title: A Revocation System and Apparatus for Secure Content



torney Docket No.: M-12042 US

Lane W. Lee

First Inventor: Title: A Revocation System and Apparatus for Secure Content



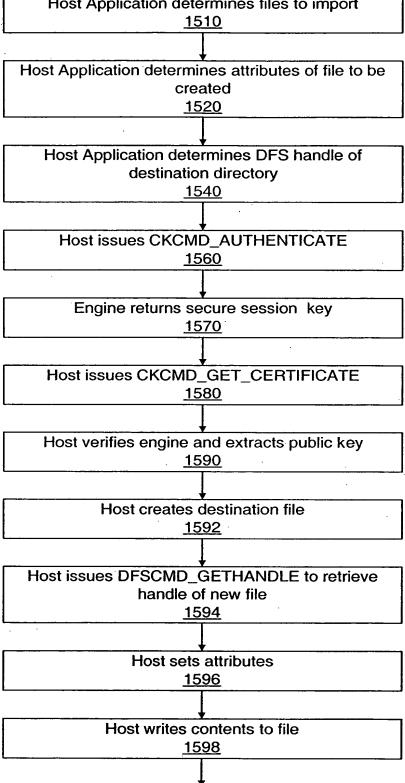


FIG. 15

Host sends file in data transfer <u>1599</u>

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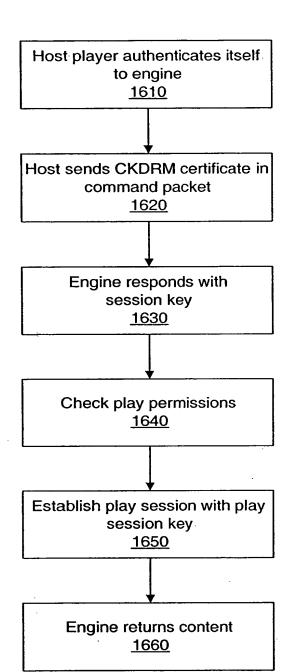


FIG. 16

Lane W. Lee

Title:

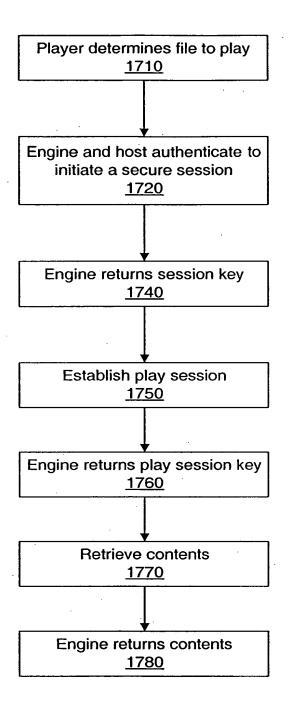
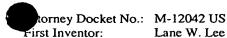


FIG. 17



Title:

Lane W. Lee



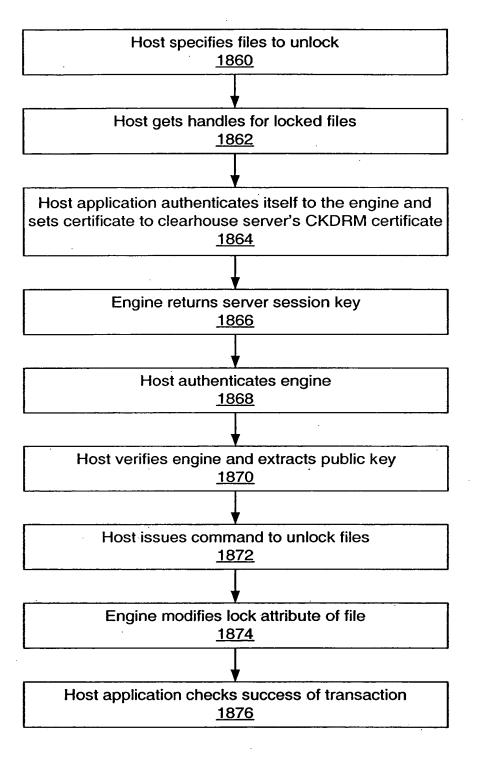


FIG. 18

Title:

Lane W. Lee

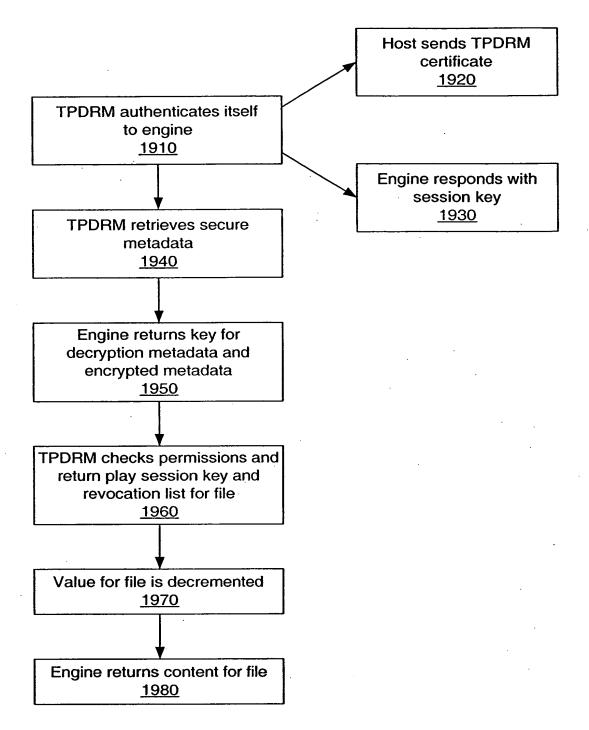


FIG. 19

Title:

Lane W. Lee

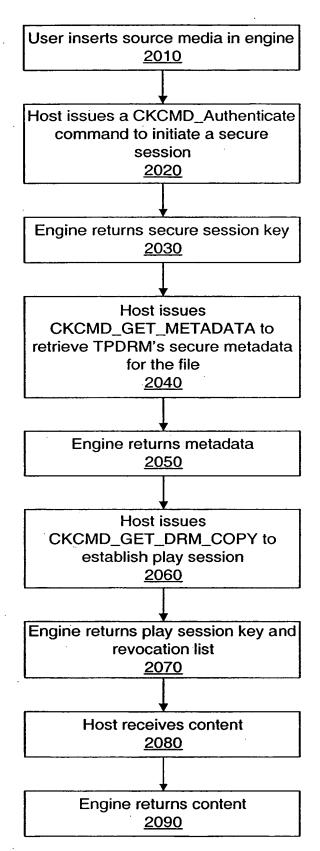


FIG. 20

Title:

Lane W. Lee

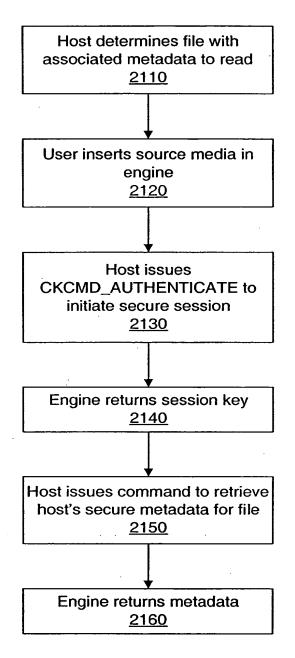
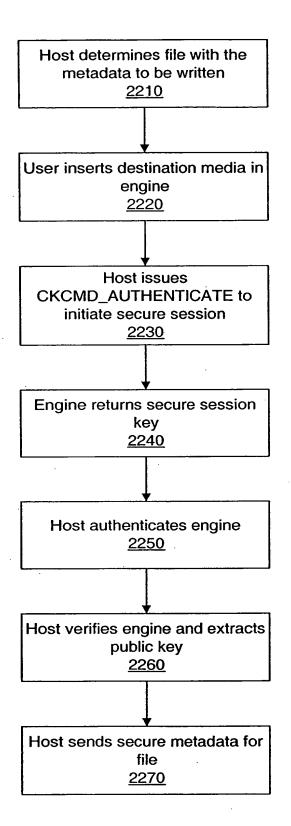


FIG. 21

Title:

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FIG. 22A

Title:

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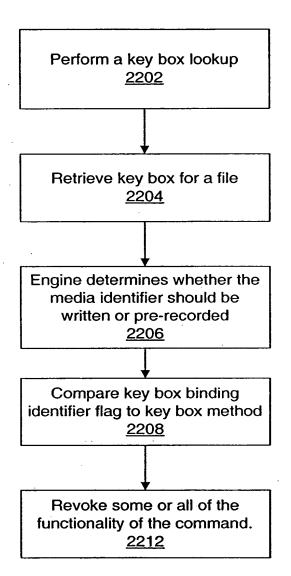


FIG. 22B

Lane W. Lee

Title:

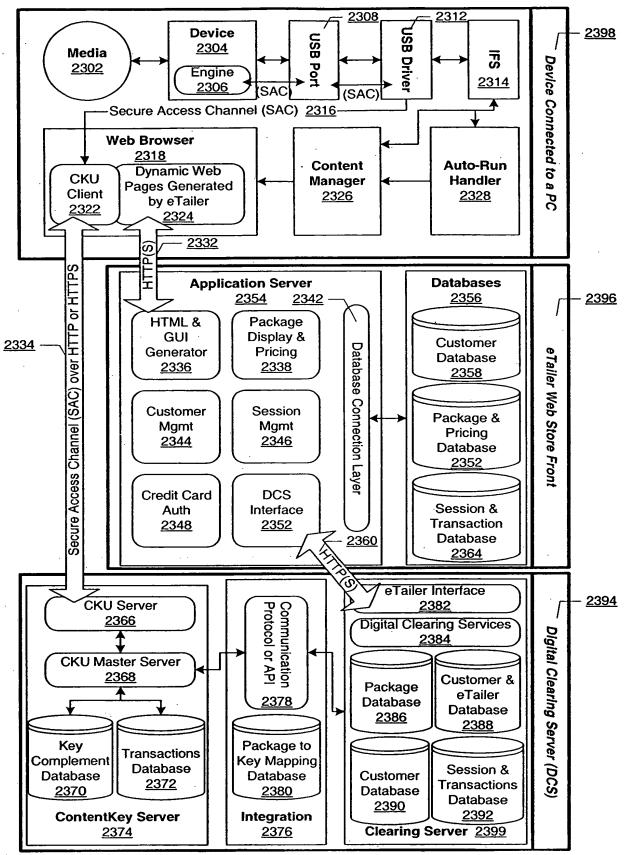


FIG. 23A

orney Docket No.: M-12042 US First Inventor: Lane W. Lee

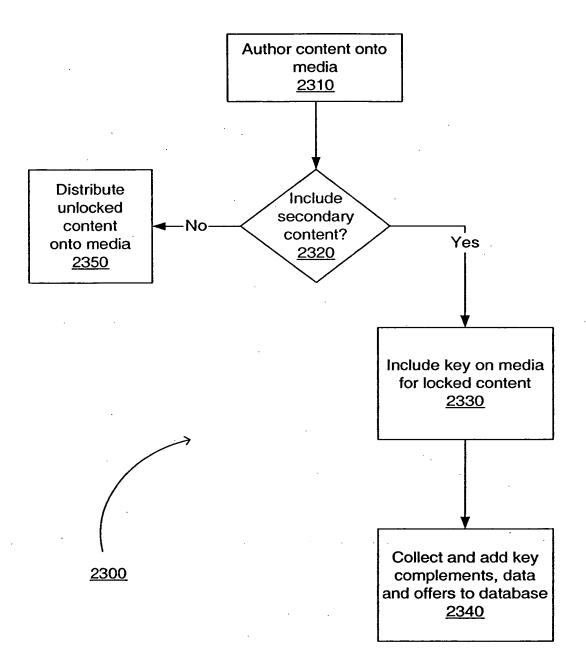
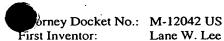


FIG. 23B



Title:

Lane W. Lee

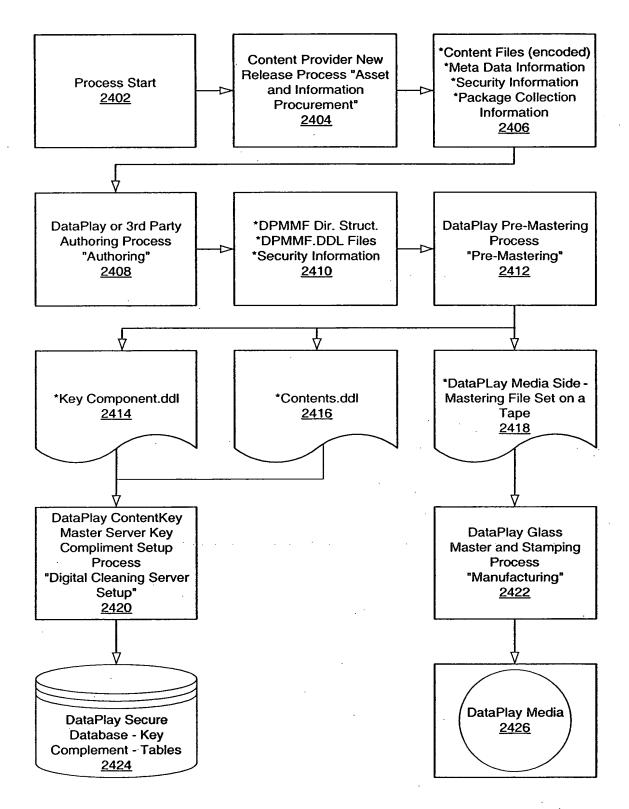


FIG. 24

Title:

Lane W. Lee

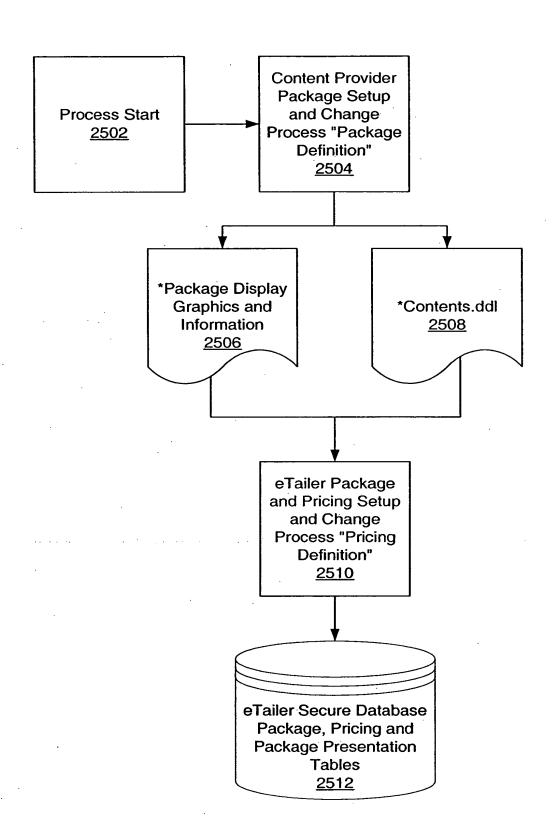


FIG. 25

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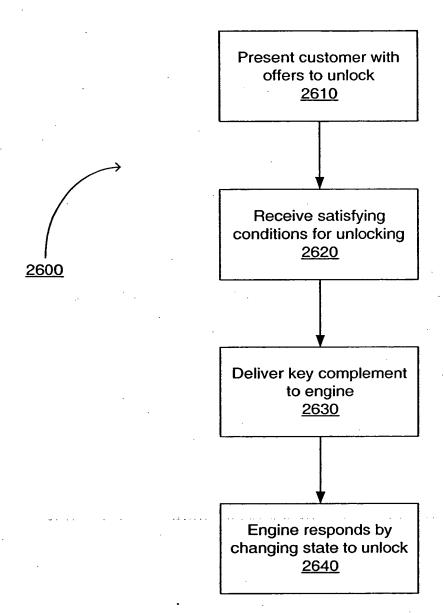


FIG. 26

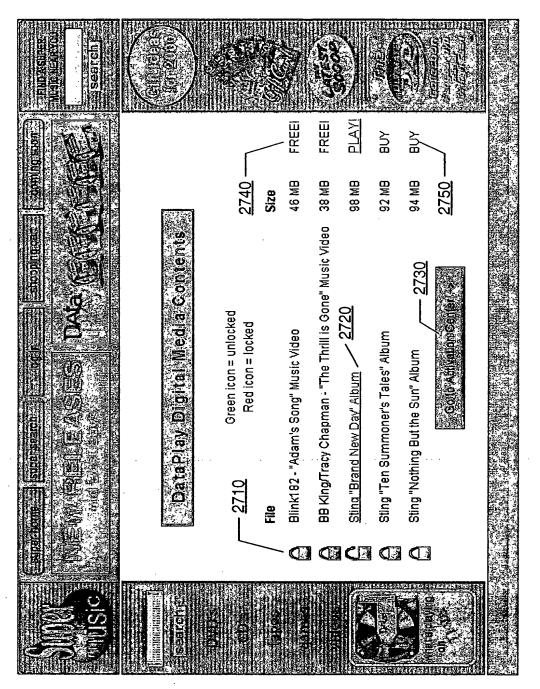
First Inventor:

Title:

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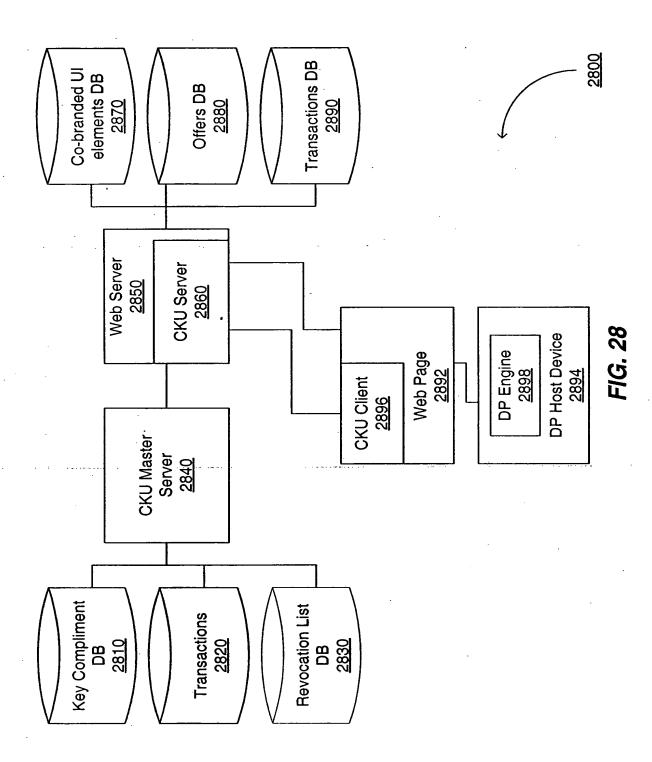
2700

orney Docket No.: M-12042 US First Inventor: Lane W. Lee

Title:



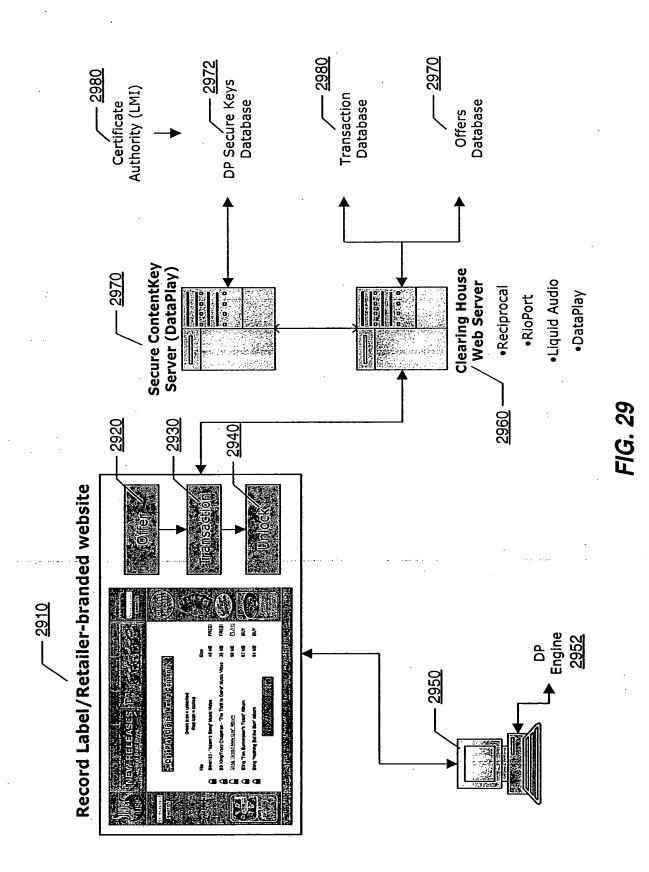
A Revocation System and Apparatus for Secure Content



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Title:

A Revocation System and Apparatus for Secure Content

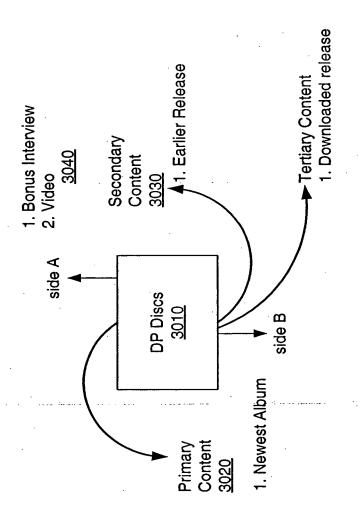


First Inventor:

Title:

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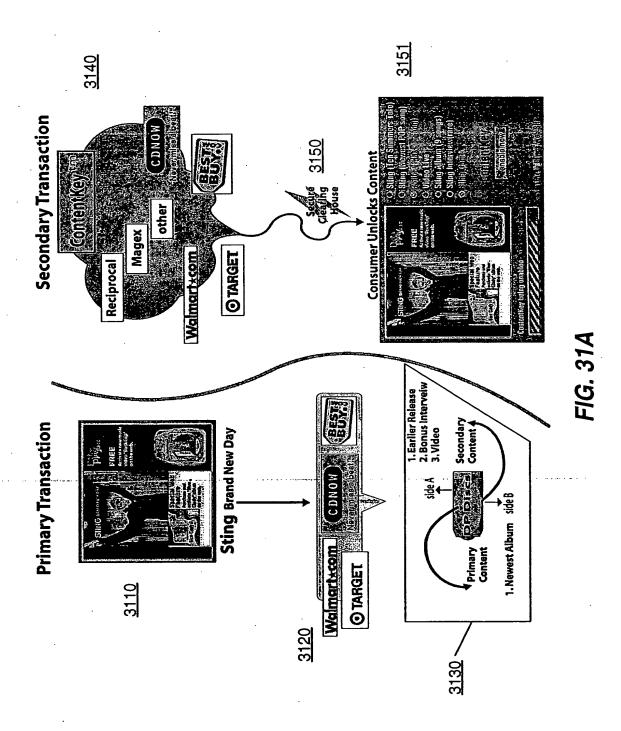


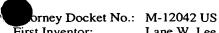
First Inventor:

Title:

M-12042 US

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Lane W. Lee

First Inventor: Title: A Revocation System and Apparatus for Secure Content

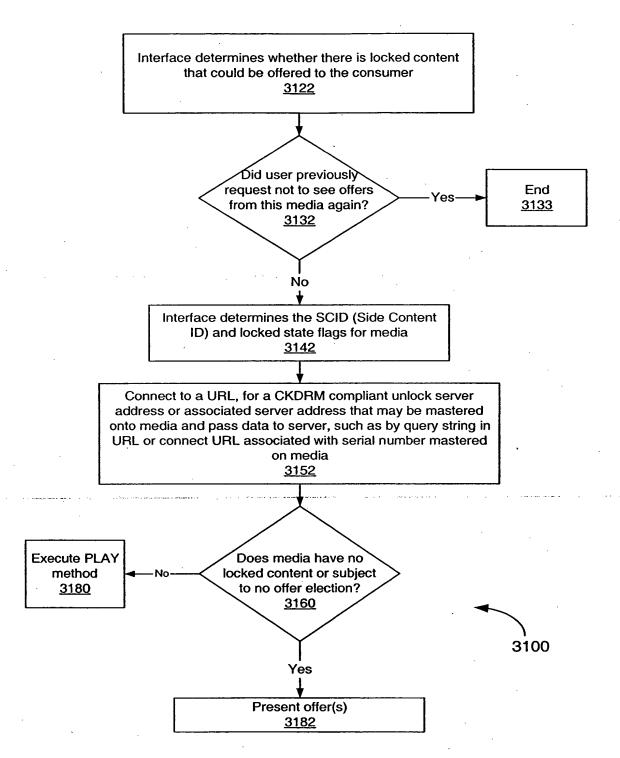


FIG. 31B

First Inventor: M-12042 US Lane W. Lee

Title: A Revocation System and Apparatus for Secure Content

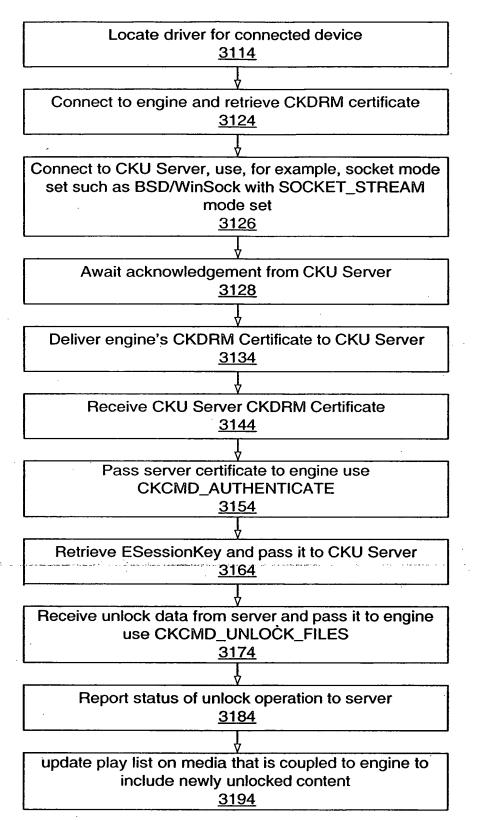
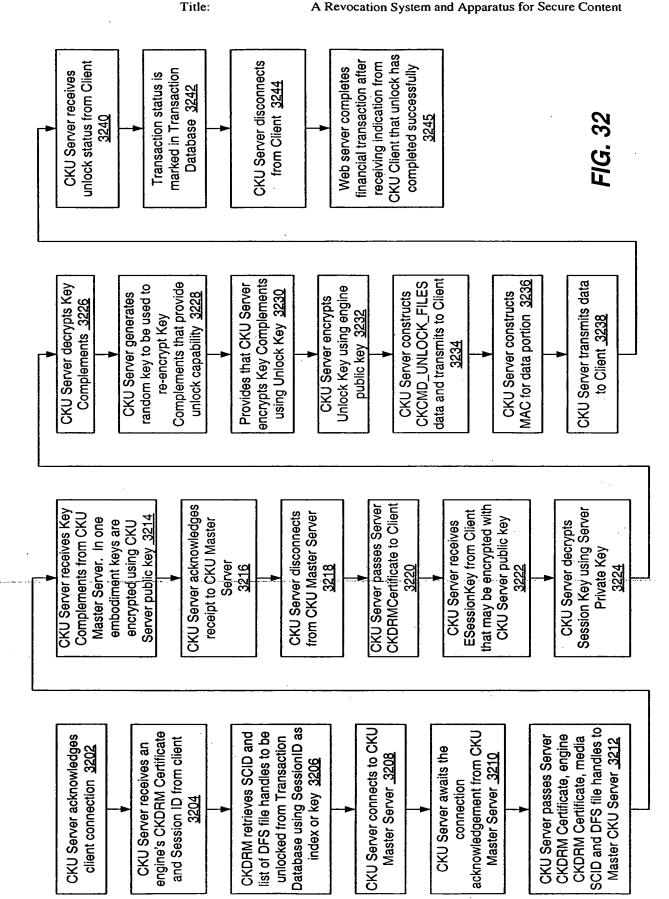


FIG. 31C

brney Docket No.: M-12042 US
First Inventor: Lane W. Lee
Title: A Revocation





orney Docket No.: M-12042 US

First Inventor: Title:



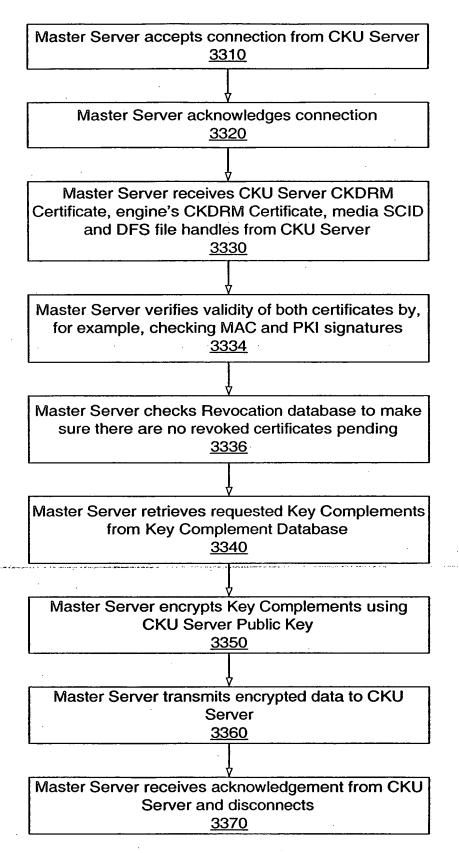


FIG. 33

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Client accesses formatted URL, such as URL on media disk or URL associated with serial number on media disk or other source 3410

Client presents query string containing SCID and locked content status <u>3420</u>

Web server constructs page to present offers to consumer using data from Offers and UI Elements databases 3430

Web server delivers "Unlocking in Progress" page to client 3440

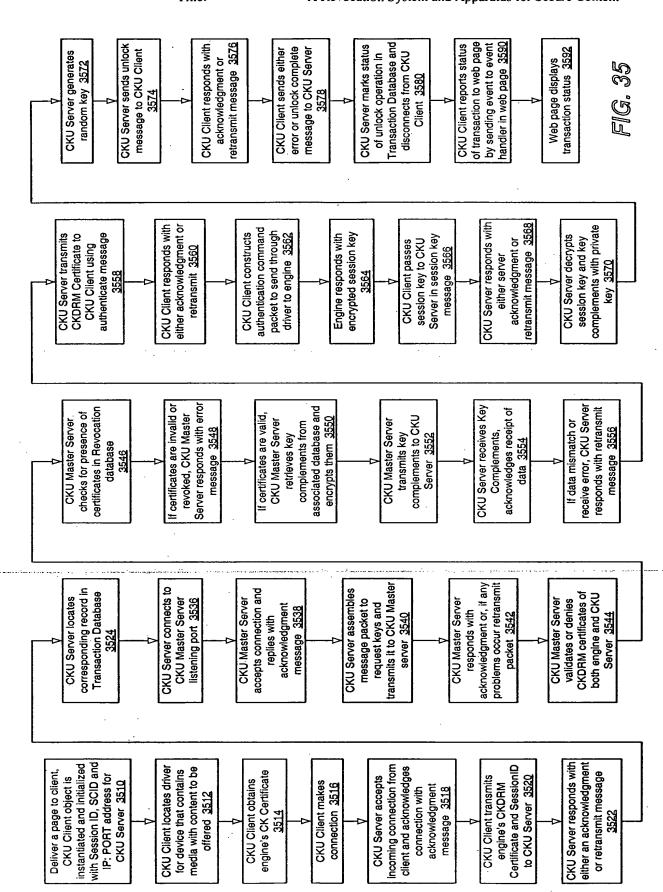
Web server generates unique SessionID that is used later to commit transaction after unlock process is verified 3450

Web page embeds CKU Client object and contains client-side script that tells CKU Client to begin unlock process <u>3454</u>

Web server stores the SCID and list of DFS File Handles indexed by SessionID in Transaction Database for later use by CKU Server object 3456

FIG. 34





orney Docket No.: M-12042 US First Inventor:

Title:

Lane W. Lee

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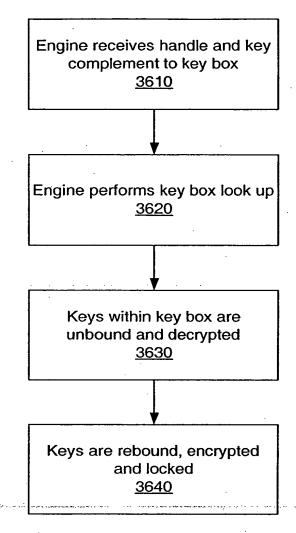
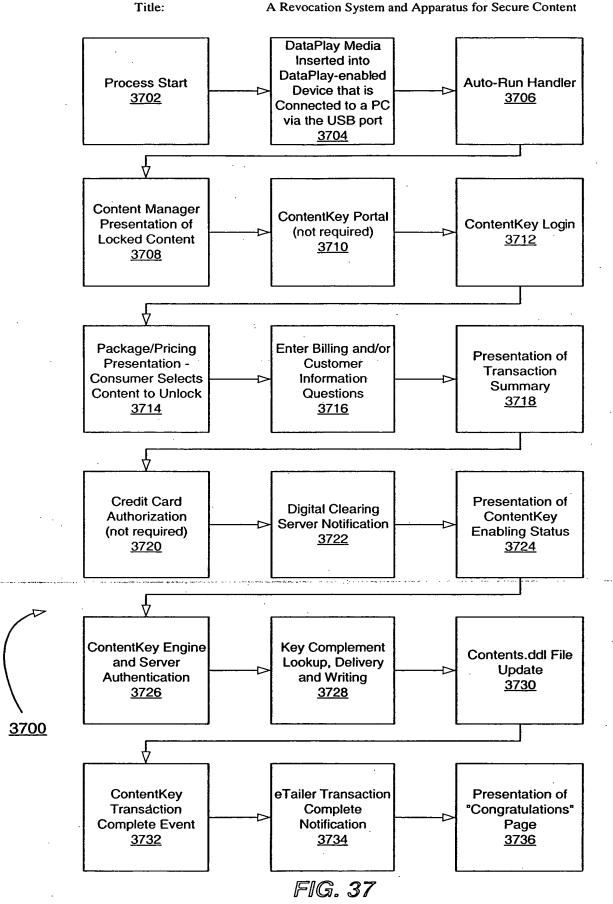


FIG. 36

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Lane W. Lee

First Inventor:





Title:

Lane W. Lee

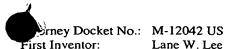


A Revocation System and Apparatus for Secure Content

DCS Order Mgmt Server inserts records DCS\_STAGE table with or without a Media ID 3802 DCS Order Mgmt Serve generates a web page with a CKU Client instantiated with a Transaction ID CKU Client obtains the Engine's CKDRM Certificate 3806 CKU Client obtains the unique Media ID (if this is not already established the engine will do so) CKU Client obtains the Server's ContentKey Certificate 3810 CKU Client obtains the ESessionKey from the Engine using the CKU Server's CKDRM Certificate 3812 CKU Client makes final unlock request for validating and/or updating the DCS\_STAGE table with the Media ID, authenticating the Engine, obtaining the File Handle/Key Complement/Version list and Wrapping the File Set CKU Client sends the wrapped file set to the Engine so the Engine can unlock the content <u>3816</u> CKU Client sends the final transaction status message to the server and displays a "Trx Complete" message to customer/user 3818

DCS Order Mgmt Server receives the status complete notice, and deletes DCS\_STAGE records for that transaction and updates transaction 3820

FIG. 38



Title:

Lane W. Lee A Revocation System and Apparatus for Secure Content

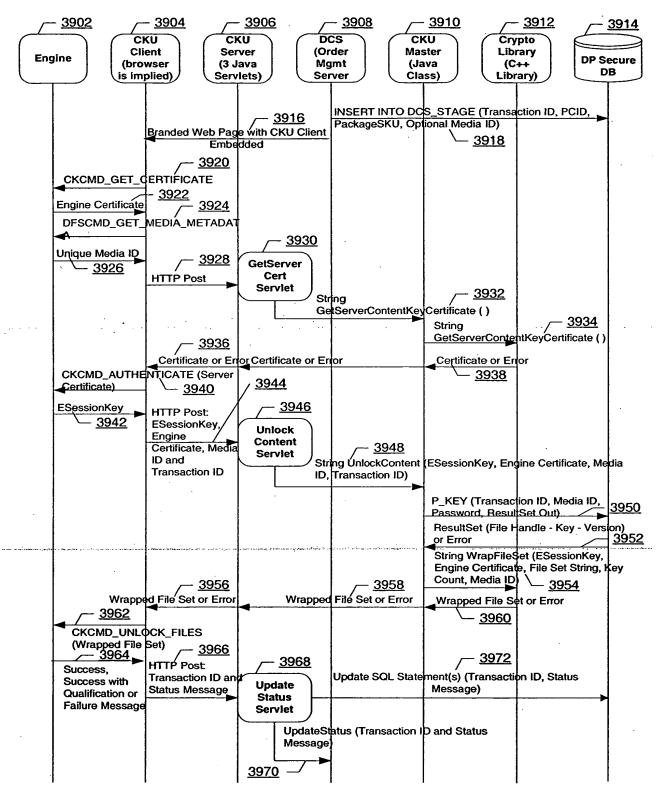
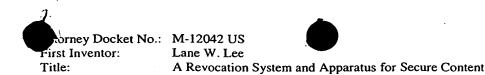


FIG. 39



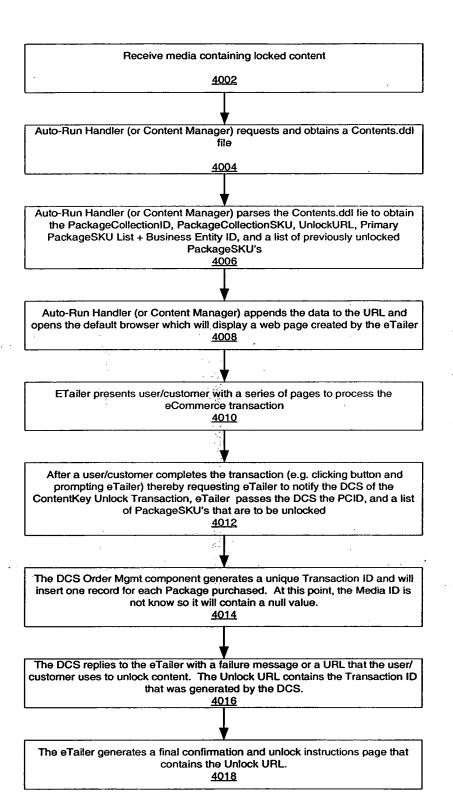


FIG. 40



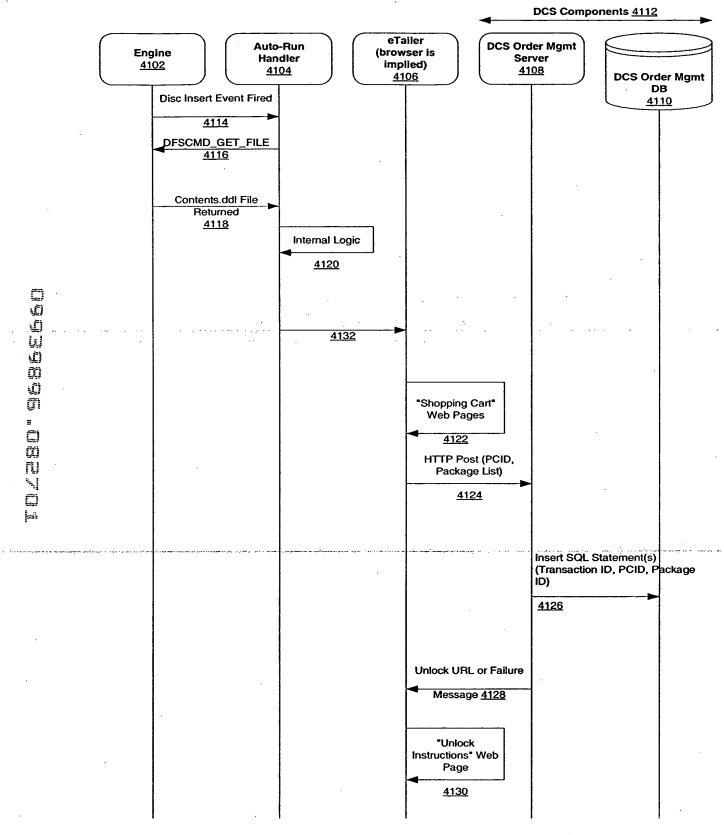


FIG. 41